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ABSTRACT

This book contains 22 papers that are designed to situate research and practice in adults learning mathematics within the wider field of lifelong learning and lifelong education. The following papers are included: "Introduction" (Diana Coben, Gail E. FitzSimons, John O'Donoghue); "Review of Research on Adults Learning Mathematics" (Diana Coben); "Section I: Perspectives on Research on Adults Learning Mathematics" (Gail E. FitzSimmons, Gail L. Godden); "Mathematics or Common Sense? Researching 'Invisible' Mathematics through Adults' Mathematics Life Histories" (Diana Coben); "Researching Adults' Knowledge through Piagetian Clinical Exploration--The Case of Domestic Work" (Juan Carlos Llorente); "Understanding Their Thinking: The Tension Between the Cognitive and the Affective" (Janet Duffin, Adrian Simpson); "Section II: Adults, Mathematics, Culture, and Society" (John O'Donoghue); "Mathematics: Certainty in an Uncertain World?" (Roseanne Benn); "Ethnomathematics and Political Struggles" (Gelsa Knijnik); "Statistical Literacy: Conceptual and Instructional Issues" (Iddo Gal); "The Roles of Feelings and Logic and Their Interaction in the Solution of Everyday Problems" (Dhamma Colwell); "Section III: Adults, Mathematics and Work" (Gail E. FitzSimons); "Women, Mathematics and Work" (Mary Harris); "Technology, Competences, and Mathematics" (Tine Wedege); "Mathematics and the Vocational Education and Training System" (Gail E. FitzSimons); "Section IV: Perspectives in Teaching Adults Mathematics" (John O'Donoghue); "Algebra for Adult Students: The Student Voices" (Katherine

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Safford); "Exploration and Modelling in a University Mathematics Course: Perceptions of Adult Students" (Barbara J. Miller-Reilly); "Assessing Numeracy" (John O'Donoghue); "Adult Mathematics and Everyday Life: Building Bridges and Facilitating Learning 'Transfer'" (Jeff Evans); "Teaching 'Not Less Than Maths, but More': An Overview of Recent Developments in Adult Numeracy Teacher Development in England--With a Sidelong Glance at Australia" (Diana Coben, Noyona Chanda); and "Postscript: Some Thoughts on Paulo Freire's Legacy for Adults Learning Mathematics" (Diana Coben). Most papers include substantial bibliographies. (MN)

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